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PRINCIPAL INVESTIGATOR: Ray Crook, Ph.D.

CONTRACTING ORGANIZATION: State University of West Georgia
Carrollton, Georgia 30118

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PREPARED FOR: U.S. Army Medical Research and Materiel Command
Fort Detrick, Maryland 21702-5012

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13. ABSTRACT (Maximum 200 Words) This project is a cooperative agreement between the Antonio J. Waring, Jr. Archaeological Laboratory at the State University of West Georgia and the U.S. Army Medical Research Acquisition Activity. This project is designed to provide the Antonio J. Waring, Jr. Archaeological Laboratory stewardship of the nations cultural resources for curation which are to be collected by the Department of Defense in the geographical area of the state of Georgia and the surrounding southeastern United States. Funds that apply to this project are based on individual tasks orders. Research and reports are extruded from the collections obtained by the Department of Defense. As of to date, no task orders for curation have been received by the Antonio J. Waring, Jr. Archaeological Laboratory.				
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INTRODUCTION:

This project is a cooperative agreement between the Antonio J. Waring, Jr. Archaeological Laboratory at the State University of West Georgia and the U.S. Army Medical Research Acquisition Activity. The purpose of this project is designed to provide the Antonio J. Waring, Jr. Archaeological Laboratory stewardship of the nations cultural resources for curation which are to be collected by the Department of Defense in the geographical area of the state of Georgia and the surrounding southeastern United States. Funds that apply to this project are based on a cost reimbursement cooperative agreement. Funds are to be made as individual tasks orders are completed. As of to date, no task orders have been received from the Department of Defense to the Antonio J. Waring, Jr. Archaeological Laboratory for the curation of cultural resource collections.

BODY:

The Antonio J. Waring Jr. Archaeological Laboratory has been entrusted by the Department of Defense for the curation and care of cultural resource material from Georgia and the southeastern United States. Research information is derived from this material and its associated documentation. The Antonio J. Waring Jr., Archaeological Laboratory has not obtained any material to be curated from the Department of Defense. The Antonio J. Waring, Jr. Archaeological Laboratory completed a mailing to all of the US Military Bases in Georgia and several throughout the surrounding states.

KEY RESEARCH ACCOMPLISHMENTS:

No collections have been received; therefore, no research has been conducted at this time.

REPORTABLE OUTCOMES:

No outcomes are reportable at this time.

CONCLUSIONS:

None

REFERENCES:

None

APPENDICES:

Vitae: Ray Crook, Laboratory Director
Susan Fishman-Armstrong, Laboratory Coordinator

June 2003

Curriculum Vitae

Morgan Ray Crook, Jr.

330 Pafford Building
State University of West Georgia
Carrollton, GA 30118
770.836.4592 or 4303
rcrook@westga.edu

Academic Achievement

Ph.D., University of Florida, 1978 (Anthropology)

Dissertation: "Mississippian Period Community Organizations on the Georgia Coast"

M.A., West Georgia College, 1975 (Psychology)

Thesis: "Institutions of Abnormal Behavior in Three Primitive Societies"

B.A., West Georgia College, 1973 (Anthropology and Psychology)

Principal Fields of Interest

Archaeology of the Southeastern U.S.

Archaeological Method and Theory

Prehistoric Coastal Adaptive Systems

Gullah Archaeology

Professional References

David Anderson (Archaeologist), Southeast Archeological Center, National Park Service

Nicholas Honerkamp (Professor of Anthropology), Department of Sociology, Anthropology, and Geography, University of Tennessee, Chattanooga

Jerald Milanich (Curator and Professor of Anthropology), Department of Anthropology, Florida Museum of Natural History, University of Florida

Elizabeth Reitz (Professor of Anthropology), Department of Anthropology, University of Georgia

Academic Experience

Positions:

August 2002 – Present

Professor of Anthropology
Department of Sociology, Anthropology, & Criminology
State University of West Georgia

January 2000 – Present:

Laboratory Director
Antonio J. Waring, Jr. Archaeological Laboratory
State University of West Georgia

September 1991 – July 2002:

Associate Professor of Anthropology
Department of Sociology, Anthropology, & Criminology
State University of West Georgia

March 1993 – Present:	Curator Antonio J. Waring, Jr. Archaeological Laboratory State University of West Georgia
September 1987 – August 1991:	Assistant Professor of Anthropology Department of Anthropology Georgia State University
September 1985 – June 1987:	Part-time Assistant Professor of Anthropology Georgia State University
July 1983 – June 1987:	Assistant to the State Archaeologist Office of the Georgia State Archaeologist
June 1983 – August 1987:	Adjunct Research Associate Department of Sociology and Anthropology West Georgia College
November 1978 – June 1983:	Research Associate Department of Sociology and Anthropology West Georgia College

Instruction:

Courses Taught (undergraduate unless otherwise indicated)-

Introduction to Anthropology (four subfield)
 Faces of Culture
 Case Studies in Archaeology
 Introduction to Physical Anthropology
 Introduction to Archaeology
 General Archaeology
 Archaeological Field Methods (also graduate level)
 Archaeological Laboratory Methods (also graduate level)
 Archaeological Curation and Collections Management
 Directed Research in Anthropology
 Contemporary Archaeological Thought
 History of Anthropological Thought
 North American Indians
 North American Prehistory
 Archaeology of the Southeastern U.S.
 Indians of the Southeastern U.S.
 Cultural Ecology
 Human Evolution
 Public Archaeology (also graduate level)
 Senior Seminar (capstone course)

Honors and Masters Committees -

1990 B.A. Anthropology Honors Thesis
 Mary Herbert (Department of Anthropology, Georgia State University)
 1987 M.A. Anthropology
 Jack E. Tyler (Department of Anthropology, Georgia State University)
 1989 M.A. Anthropology
 Terry J. Minvielle (Department of Anthropology, Georgia State University)

1990 Master of Historic Preservation

Ann Foskey (Department of History, Georgia State University)

1991 Master of Historic Preservation

Janine Joslyn (Department of History, Georgia State University)

Institutional Service:

April 1998 – Present:	Scholarships Manager, Antonio J. Waring, Jr. Anthropology Endowment, State University of West Georgia
June 1998 – June 2001:	Faculty Senate, State University of West Georgia
June 1998 – June 2001:	Undergraduate Academic Programs Committee (Chair, 2000-01)
September 2000:	Strategic Planning <i>ad hoc</i> Committee, UWG Office of the President
June 1998 – May 1999:	Master Planning Committee, State University of West Georgia
June 1998 – May 2000:	Social Sciences XIDS Committee, UWG College of Arts and Sciences
April 1998 – January 2000:	Fund Manager, Antonio J. Waring, Jr. Anthropology Endowment
June 1997 – February 1998:	Search Committee for Sponsored Operations Coordinator, UWG Office of the Vice President of Academic Affairs
June 1995 – June 1998:	Faculty Senate, State University of West Georgia
June 1995 – June 1998:	Learning Resources Committee (Chair, 1997-98)
July 1995 – August 1995:	Chair, Search Committee for Coordinator of Special Projects, Development and Alumni Services, West Georgia College
August 1994 – Present:	Sponsored Operations Advisory Committee, WGC/UWG Office of the Vice President of Academic Affairs
August 1994 – June 1996:	Technology Trust Funds Working Group, WGC/UWG Office of the President
January 1993 – June 1996:	Director and Archaeology Research Associate, Applied Environmental Research Group, School of Arts and Sciences, West Georgia College
October 1993 – July 1995:	Community Action for Improvement, Inc., Board of Trustees (representing West Georgia College). Elected Treasurer, April 1995
September 1993 – June 1995:	School of Arts & Sciences - Executive Committee, West Georgia College
September 1993 – June 1995:	School of Arts & Sciences - Institutional Studies and Planning Committee, West Georgia College
September 1993 – June 1996:	Faculty Senate Committee on Academic Appeals, West Georgia College
September 1992 – June 1995:	Regents Academic Advisory Committee on Sociology, Anthropology, and Social Work (representing the Department of Sociology & Anthropology, West Georgia College), also member of Anthropology Subcommittee
September 1991 – December 1991:	Self-Study Subcommittee on Academic and Professional Preparation (SACS), West Georgia College

September 1989 - August 1991:	University Senate, Georgia State University. Committee Memberships - Faculty Affairs, Awards
September 1987 - August 1991:	Department of Anthropology, Georgia State University - Executive Committee, Curriculum Committee, Honors Committee (Chair, 1989), Student Advocacy Committee (Chair, 1988)
September 1988 - August 1989:	Department of Anthropology, Georgia State University - Director of Faculty and Student Seminars, Chair of <i>ad hoc</i> Peer Review Committee, Chair of <i>ad hoc</i> Departmental Research Policy Committee
September 1987 - August 1988:	Faculty Advisor, Georgia State University Anthropology Society

Also continuing UWG departmental and program service including various *ad hoc* committee assignments, mentoring, advising, search committees, third-year review committees, promotion and tenure committees, post-tenure review committees, and Waring Endowment activities.

Professional Activities

Memberships:

American Anthropological Association
Society for American Archaeology
Society for Historical Archaeology
Society for Archaeological Science
Council for Museum Anthropology
Society for the Anthropology of Work
Southeastern Archaeological Conference
Society for Georgia Archaeology
Georgia Council of Professional Archaeologists
Sigma Xi, The Scientific Research Society
Register of Professional Archaeologists

Professional Service:

June 1997 – December 1997:	Sapelo Island Comprehensive Master Planning Committee, Georgia Department of Natural Resources
June 1995 – May 1998:	Director, Jekyll Island Research Station
May 1994 – April 1997:	Councilor, Section VIII (Anthropology) of the Georgia Academy of Science
January 1993 – December 1993:	Board of Directors, Society for Georgia Archaeology
September 1991 – August 1993:	Coordinator, Georgia Archaeological Task Force
January 1986 – Present:	Managing Editor, Georgia Archaeological Research Design Papers
April 1985 – March 1995:	Georgia Representative, Society for American Archaeology Committee on Public Archaeology

April 1989 – September 1992:	Director and Editor, "The State of Georgia Archaeology Project," Georgia Council of Professional Archaeologists
February 1989 – October 1990:	Interim Vice President, Georgia Council of Professional Archaeologists
April 1989 – June 1989:	Nominations Committee, Southeastern Archaeological Conference
January 1987 – December 1987:	Board of Directors, Society for Georgia Archaeology
September 1985 – August 1991:	Georgia State University Representative, Georgia Archaeological Task Force
June 1983 – June 1987:	Coordinator, Georgia Archaeological Task Force
March 1982 – December 1991:	Editorial Board, The Florida Anthropologist
January 1981 – December 1981:	Council Member, Society for Georgia Archaeology
September 1975 – September 1977:	Archaeology Editor, The Florida Journal of Anthropology

Publications:

Monographs

1985 **Cagle Site Report: Archaic and Early Woodland Period Manifestations in the North Georgia Piedmont.** Occasional Papers in Cultural Resource Management #2. Atlanta: Georgia Department of Transportation.

1986 **A Strategy for Cultural Resource Planning in Georgia.** Atlanta: Georgia Department of Natural Resources.

1986 **Mississippi Period Archaeology of the Georgia Coastal Zone.** University of Georgia Laboratory of Archaeology Series, Report No. 23. Georgia Archaeological Research Design Paper No. 1.

1987 **Lowe Site Report: A Contribution to Archaeology of the Georgia Coastal Plain.** Occasional Papers in Cultural Resource Management #3. Atlanta: Georgia Department of Transportation.

1990 **Rae's Creek: A Multicomponent Archaeological Site in the Central Savannah River Area.** (senior author with contributions by G. Castille, K. Wood, M. Smith, R. Blakely, E. Sheldon, J. Mathews, and F. Magilligan). Atlanta: Georgia State University.

1992 (Editor) **The State of Archaeology in Georgia.** A report from the Georgia Council of Professional Archaeologists. Carrollton: West Georgia College.

1995 **Excavation and Reburial of Charles R. Farnham on Little Cumberland Island, Georgia.** The Occasional Papers of Island Labs, Little Cumberland Island Association.

1996 **Former Structures of the Jekyll Island Club Shown on Sanborn Field Survey Maps.** Jekyll Island Research Station Report No. 1. Carrollton: The State University of West Georgia.

1997 **Archaeological Investigations at the Sapelo Island Lighthouse and Oil House.** Report of Investigations, Waring Archaeological Laboratory. Carrollton: The State University of West Georgia.

Articles

1977 Spalding's Sugar-Works Site, Sapelo Island, Georgia. **Industrial Archaeology** 12:318-350. (senior author with P.D. O'Grady). Reprinted 1980 in **Sapelo Papers: Researches in the History and Prehistory of Sapelo Island, Georgia**, West Georgia College Studies in the Social Sciences 19:9-34.

1978 Spatial Associations and Distribution of Aggregate Village Sites in a Southeastern Atlantic Coastal Area. **Florida Anthropologist** 31:21-34. Reprinted 1980 in **Sapelo Papers: Researches in the History and Prehistory of Sapelo Island, Georgia**, West Georgia College Studies in the Social Sciences 19:77-87.

1978 Recent Micro-Settlement Studies in the Southeast. **The Florida Journal of Anthropology** 3:26-33.

1980 Archaeological Indications of Community Structures at the Kenan Field Site. In **Sapelo Papers: Research in the History and Prehistory of Sapelo Island, Georgia**, West Georgia College Studies in the Social Sciences 19:89-100.

1982 Mitigation Excavations at the Chestatee Site, North Georgia. **Florida Anthropologist** 35:3-33.

1983 A Statistical Application for Determining Ceramic Assemblages at Disturbed Archaeological Sites. **North American Archaeologist** 4:211-223.

1984 Evolving Community Organization on the Georgia Coast. **Journal of Field Archaeology** 11:247-263.

1984 Irene Manifestations on Sapelo Island. **Early Georgia** 12:59-63.

1985 Space, Time, and Subsistence at Bourbon Field. **National Geographic Society Research Reports** 21:95-100.

1988 An Ecological Model for the Protohistoric Guale. **Southern Anthropological Society Proceedings**, No. 21:122-139.

1991 Chronology of a Stratified Archaic Sequence in the Central Savannah River Area. **Early Georgia** 19(2):21-33.

1992 Oyster Sources and their Prehistoric Use on the Georgia Coast. **Journal of Archaeological Science** 19:483-496.

2001 (with D.C. Weinland and F.T.Andrus) The Identification of Cownose Ray (*Rhinoptera bonasus*) as a Seasonal Indicator Species and Implications for Coastal Mississippian Subsistence Modeling. **Southeastern Archaeology** 19:82-88.

2001 The Sapelo Gullah Project: 1992-2001. **Reflections** 1(2):4-5. (Georgia African American Historic Preservation Network).

2001 Gullah and the Task System. **Anthropology of Work Review** 22(2):24-28..

Recent Presentations & Exhibits:

1998 *Jekyll Island 2000 Years Ago*. Permanent exhibit installed in the Jekyll Island Museum (with Bruce Bobick, UWG Department of Art).

1998 *Historic Gullah Communities of Sapelo Island*. Paper presented at the annual meeting of the Society for Historical Archaeology, Atlanta. Also, Section Chair for *Current Research in the Southeastern United States*.

1999 *Jekyll Island Archaeology*. Invited presentation for the Spring meeting of the Society for Georgia Archaeology (Jekyll Island, Georgia).

1999 *Archaeology of Former Structures in Millionaire's Village*. Special public tour provided as part of the Spring meeting of the Society for Georgia Archaeology (Jekyll Island, Georgia).

2000 Symposium Organizer and Chair, *Archaeology of the Northern Florida and Georgia Coasts*. Annual meeting of the Southeastern Archaeological Conference, Macon, Georgia.

2000 *Investigations at the North End Site (9GN107), Little St. Simons Island, Georgia*. Paper presented at the annual meeting of the Southeastern Archaeological Conference, Macon, Georgia.

2002 *The Bonner House*. Permanent exhibit (UWG Bonner Lecture Hall) regarding the history and archaeology of the Bonner House on the campus of the State University of West Georgia (with Ann McCleary, Department of History).

2002 *Investigations at the Bilbo Site (9CH4)*. Paper presented at the annual meeting of the Southeastern Archaeological Conference, Biloxi, Mississippi.

Georgia Archaeological Research Design Papers (as Managing Editor)

1986 **Mississippi Period Archaeology of the Georgia Coastal Zone** by Morgan R. Crook, Jr. GARD Paper No. 1. (University of Georgia Laboratory of Archaeology Series, Report No. 23).

1986 **Mississippi Period Archaeology of the Georgia Piedmont** by David J. Hally and James Rudolph. GARD Paper No. 2 (University of Georgia Laboratory of Archaeology Series, Report No. 24).

1988 **Mississippi Period Archaeology of the Georgia Ridge and Valley Province** by David J. Hally and James B. Langford, Jr. GARD Paper No. 4 (University of Georgia Laboratory of Archaeology Series, Report No. 25).

- 1990 **Mississippi Period Archaeology of the Georgia Blue Ridge Mountains** by Jack T. Wynn. GARD Paper No. 5 (University of Georgia Laboratory of Archaeology Series, Report No. 27).
- 1990 **PaleoIndian Period Archaeology of Georgia** by David G. Anderson, R. Jerald Ledbetter, and Lisa D. O'Steen. GARD Paper No. 6 (University of Georgia Laboratory of Archaeology Series, Report No. 28).
- 1992 **Historic Period Indian Archaeology of Northern Georgia** by Marvin T. Smith. GARD Paper No. 7 (University of Georgia Laboratory of Archaeology Series, Report No. 29).
- 1993 **Mississippi Period Archaeology of the Georgia Coastal Plain** by Frank T. Schnell and Newell O. Wright, Jr. GARD Paper No. 3 (University of Georgia Laboratory of Archaeology Series, Report No. 26).
- 1993 **Historic Period Indian Archaeology of the Georgia Coastal Zone** by David H. Thomas. GARD Paper No. 8 (University of Georgia Laboratory of Archaeology Series, Report No. 30).
- 1995 **Woodland Period Archaeology of Northern Georgia** by W. Dean Wood and William R. Bowen. GARD Paper No. 9 (University of Georgia Laboratory of Archaeology Series, Report No. 33).
- 1995 **Woodland Period Archaeology of the Georgia Coastal Plain** by Karl T. Steinen. GARD Paper No. 10 (University of Georgia Laboratory of Archaeology Series, Report No. 34).
- 1995 **Archaic Period Archaeology of the Georgia Coastal Plain and Coastal Zone** by Daniel T. Elliott and Kenneth E. Sassaman. GARD Paper No. 11 (University of Georgia Laboratory of Archaeology Series, Report No. 35).
- 1996 **Historic Period Indian Archaeology of the Georgia Coastal Plain** by Chad O. Braley. GARD Paper No. 12 (University of Georgia Laboratory of Archaeology Series, Report No. 36).
- 2003 **Archaic Period Archaeology of Northern Georgia** by William F. Stanyard. GARD Paper No. 13 (University of Georgia Laboratory of Archaeology Series, Report No. 37) [in production].

Contracts, Grants and Technical Reports

Principal Investigator for numerous contracts and grants for archaeological research, and author of more than 50 compliance and technical reports (list available upon request).

Susan E. Fishman-Armstrong
Curriculum Vitae
June 12, 2003

Laboratory Coordinator
sfishman@westga.edu

Antonio J. Waring Jr. Archaeological Laboratory
State University of West Georgia Carrollton, GA 30118

Lab: (770) 836-4303

EDUCATION

- **Master of Arts** - Graduated December 2000; Texas Tech University, Lubbock, TX
Major: Museum Science with a focus on Collection Management and Registration of Natural History Collections.
Thesis: "Incorporation of Bar Code Capabilities into Existing Museum Databases."
Related Coursework:
- Administration of Archival and Manuscript Collections: Caring for specialized collections.
 - Museology: Historical and theoretical framework for museum science. Broad-based implication of museum work as a science.
 - Museum Administration: Museum management and administration including policies and procedures, personnel management, budget formulation, governance, and marketing and public relations.
 - Museum Collection Management: Museum concepts, procedures, personnel management, budget formulation, governance, and interaction with support organizations. Laboratory work involved identifying, classifying, cataloging, and processing archeological collections.
 - Museum Data Management: Electronic management of museum collection.
 - Museum Interpretation and Communication: Theories and methods of museum research and interpretation. Includes planning, developing, and evaluating strategies of exhibitions, publications, and education-interpretive programs.
 - Museum Law, Ethics, and Standards: Ethical and legal obligations of museum collections, administration, and operations on international and national issues.
 - Museum Preventive Conservation: Addresses current methods and theories of specialized care of museum objects.
 - Managing Archeological Collections: Provided by the National Park Service. Addresses historical, legal, and ethical issues like preventive conservation, curation, repositories, security, and collections management of caring for an archeological collection in-perpetuity.
<http://www.cr.nps.gov/aad/collections/index.htm>
- **Bachelor of Science** – Graduated December 1997; Fort Hays State University, Hays, Kansas
Major: Geosciences with focus on Paleontology and Museum Studies.
Minor: Biology

COMPUTER SKILLS - Proficient in Macintosh, DOS, and PC Computer Environments.

Databases

- Developed database programs for various museum collections using *Microsoft Access*, *Visual FoxPro®*, *FileMakerPro®*. Installed bar code capabilities to these database management systems.
- Consulted to assess the use of *COLLECTION Inc* and *SPECIFY* in museum functions, including report expansion and bar code capabilities.

Word Processing

- Used *Microsoft Word*, *WordPerfect*, *ClarisWorks*, *Professional Write*, and *Adobe Illustrator* to prepare recommendations and reports on daily basis.

Spreadsheet

- Created budget and scholarly reports with intricate graphs using *Microsoft Excel* and *ClarisWorks*.

Additional Software

- Prepared presentations using *Adobe PhotoShop* and *Microsoft PowerPoint*.
- Used *Surfer 4*, and *Grapher* for Digitizing and Geophysical Analysis.
- Created brochures, labels, and published reports using *Adobe PageMaker* and *Adobe Publisher*.

PROFESSIONAL EXPERIENCE

LABORATORY COORDINATOR*June 2001 - Present***Antonio J. Waring Jr. Archaeological Laboratory**

Maintaining the daily functions of the laboratory. Developing outreach programs. Monitoring the condition and processing of incoming collections. Preparing annual budget reports. Developing cutting edge methods for increasing the efficiency and reducing error of managing an archeological collection, like the installation of a bar code system.

*Dr. Ray Crook**State University of West Georgia; Carrollton, GA 30118***RESEARCH AIDE***January 2001 – May 2001; Job Completed***Museum of Texas Tech University**

Designed and installed a custom-made bar code system for the Art, History, Registration, and Anthropology Divisions.

- Advised each division on how to expand their collection's database capabilities.
- Increased the capabilities each division's database to include location, bibliography, loan, and usage histories.

*Gary Edson.**Museum of Texas Tech University; 4 & Indiana. Lubbock, TX; 79409***VOLUNTEER COLLECTIONS MANAGER AND FOSSIL PREPARATOR***May 1998 - Present***Department of Paleontology**

Installed a bar code system using the department's existing database. Duties included collecting, sorting, and preparing vertebrate fossils from Post, Texas. Assisted with the creation and design of the new "Dino Hall" at the Museum of Texas Tech University.

- Redefined how objects are processed in the Division.
- Revised the Division's Processing Procedure Policy Manual.
- Wrote the Division's Database Standard's and Usage Manual.
- Reduced Data Loss by 100%.
- Significantly decreased processing time.

*Sankar Chatterjee Ph.D.**Museum of Texas Tech University; 4 & Indiana. Lubbock, TX; 79409***RESEARCH ASSISTANT***June 1998-December 2000; Graduated***Natural Science Research Laboratory**

Curated, cataloged, and installed the frozen tissue collection. Subsampled, prepared, and sent outgoing frozen tissue loans. Curated and managed the radioactive tissues from Chernobyl, Ukraine. Maintained the frozen tissue database. Assisted with installation and curation of the mammal collection. Responded to information requests. Prepared, preserved and labeled osteological material. Conducted educational tours.

- Processed 161 Loans between 1999 and 2000.
- Inventoried and updated approximately 81% of the Vital Tissue Collection.

- Created departmental procedure policy manual.

Robert Baker Ph.D

Museum of Texas Tech University; 4 & Indiana. Lubbock TX; 79409

PALEONTOLOGY COLLECTIONS MANAGEMENT PRACTICUM

Summer 1999

Department of Paleontology

Conducted a comprehensive inventory of the vertebrate, invertebrate, and geology collections. Assisted with rehousing and stabilizing specimens. Identified and solved problems with current collection management practices in the division. Instrumental in the design and creation a new database to help manage collection needs.

Sankar Chatterjee Ph.D.

Museum of Texas Tech University; 4 & Indiana. Lubbock, TX; 79409

REGISTRATION PRACTICUM

Summer 1999

Museum of Texas Tech University

Conducted a comprehensive inventory of historical and cultural objects to prepare the objects at the Ranch and Heritage Center in Lubbock, Texas, for deaccessioning from MoTTU. Solved problems and complete paperwork associated with loans, accessioning, and deaccessioning of natural history, history, art, and paleontology collections.

Nicola Ladkin M.A.

Museum of Texas Tech University; 4 & Indiana. Lubbock TX; 79409

VOLUNTEER FOSSIL PREPARATOR

August 1993 - May 1998; Graduated

Sternberg Museum of Natural History

Collected, sorted, identified, and prepared vertebrate fossils from West-Central Kansas. Molded and casted material for the new museum.

Greg Walters M.S.

Fort Hays State University; Hays, Kansas, 67601

OBSERVATORY DIRECTOR

August 1993 - December 1997; Graduated

Department of Physics

Designed and administrated presentations and shows for public nights. Assisted astronomy classes and taught labs. Maintained telescopes and designed astronomy exhibits in the observatory. Developed budget reports for purchasing needed material. Researched and wrote reports as needed. Publicized astronomy events. Promoted community awareness of astronomy.

- Increased public attendance by approximately 30%.

Paul Adams Ph.D

Fort Hays State University; Hays, Kansas, 67601

CURATORIAL ASSISTANT

August 1994 - December 1997; Graduated

Sternberg Museum of Natural History

Assisted with curation, preservation, preparation, and exhibit design for natural history, archeology, and history collections. Assisted with packing and moving specimens to the new facility.

R. J. Zakrzewski Ph.D

Fort Hays State University; Hays, Kansas, 67601

VOLUNTEER CURATOR

June 1995 - May 1997; Graduated

Fick Fossil and History Museum

Collecting, sorting, identifying, preparing, and designing natural history exhibits. Designing Geological and Paleontological traveling kits for schools.

- Reviewed the identifications for 90% of the natural history collection.

Nancy Baalman M.B.

700 West 3rd Street; Oakley, Kansas 67748

FIELD ASSISTANT/RESEARCH ASSISTANT*Summer 1995; Job completed***Sternberg Memorial Museum**

Sorted, identified, and prepared vertebrate materials from Cimarron National Grasslands. Researched possibility of using palynology dating techniques from possible Triassic red beds of South-West Kansas. Collected fossil materials for geological dating of rocks in the Cimarron National Grasslands, Kansas. Gathered data using GPS analysis for preparing geological maps. Assisted with writing a grant proposal for a geological mapping project of Cheyenne National Grasslands, Colorado.

Greg Liggett M.S.

Fort Hays State University; Hays, Kansas 67601

RESEARCH ASSISTANT*Fall 1993, Summer 1995, and Spring 1997; Job completed***Geoscience Department**

Located lost military soldiers after relocation and fire of historical cemetery using non-invasive techniques (magnetometer survey) for Fort Hays, Kansas. Used geophysical instruments (electrical resistivity and magnetometer) and techniques for locating buried archeological artifacts on historical grave site at Boot Hill, Hays Kansas. Used geophysical method (magnetometer survey) for determining possible illegally buried drums. Digitized and analyzed data using Surfer 4 and Grapher.

Ken Neuhauser, Ph.D

Fort Hays State University; Hays, Kansas, 67601

HONORS, AWARDS, PRESENTATIONS

-
- | | |
|--|------|
| • Museum of Texas Tech University - "Incorporation of Bar Code Capabilities to Existing Museum Databases" Thesis Defense open house presentation. | 2000 |
| • Society for the Preservation of Natural History Collections – Poster Session | 2000 |
| • American Association of Museums - Presenter (poster session) | 1999 |
| • Astronomy Club - Selected as Presenter for the open house on the "Mythical Legends of the Moon and Fun Facts". | 1997 |
| • Astronomy Department - Guest lecturer; Presented "The Moon, its Origin" | 1996 |
| • Society of Vertebrate Paleontology - (poster session) Presenter for annual international meeting in Pittsburgh, Pennsylvania. | 1996 |
| • Kansas Academy of Science - Presenter (poster session) Awarded Honorable mention. | 1995 |

BIBLIOGRAPHY

-
- Dawson, Emma, **Fishman-Armstrong, S.E.**, King, Reagan. 1999. Collections Management in the 21 Century. AAM (unpublished).
 - **Fishman, S.E.**, C. Fielitz, and K. Shimada. 1996 Stratigraphic record of the genus *Enchodus* (Osteichthyes: Teleostei), in Kansas. Journal of Vertebrate Paleontology, 14 (Supplement to Number 3).
 - **Fishman, S.E.**, K. Shimada, and C. Fielitz. 1995. Stratigraphic record of the late Cretaceous genus *Enchodus* (Osteichthyes: Teleostei), in Kansas. Abstract Kansas Academy of Science, Pittsburgh, 14:21.
 - **Fishman-Armstrong, S.E.**, H. Gardner, and M. Houle. May 2000 Data Enhancement Project at the Museum of Texas Tech University. Museum of Texas Tech University, Lubbock, Texas. In-house manual.
 - **Fishman-Armstrong, S.E.**, H. Gardner, Dr. R.R. Monk, Dr. J. Indeck, G. Edson, N. Ladkin, and Dr. R. Baker. 7 July 2000. Incorporation of bar code capabilities to an existing museum database.

Poster Presentation. Society for the Preservation of Natural History Collections. 15th Annual Meeting. Nova Scotia, Canada.

- **Fishman-Armstrong, S.E.**, June 2002. In-house procedural manual for the Antonio J. Waring, Jr. Archaeological Laboratory. In progress.
- **Fishman-Armstrong, S.E.**, Summer, 2000 "Bar code systems in museums." Registrar's Quarterly. Registrar's Committee-Western Region Newsletter.
- **Fishman-Armstrong, S.E.** March 2000. Installing bar code capabilities in COLLECTION%. Newsletter. Vernon System Inc. New Zealand. In Press. 4 pp.
- **Fishman-Armstrong, S.E.** 19 May 1999. Bar Coding in the Panhandle-Plains Historical Museum. Unpublished Master's Thesis Proposal. Museum of Texas Tech University, Lubbock, Texas. 7 pp.
- **Fishman-Armstrong, S.E.** and H. Gardner. March 2001. Bar Code Applications in Museums. Registrar's Committee of the Mountain Plains Museums Association.
- **Fishman-Armstrong, S.E.** April 2000. Data enhancement project, including bar code capabilities, at the Panhandle-Plains Historical Museum. In-house manual. Panhandle-Plains Historical Museum. Canyon, Texas.
- **Fishman-Armstrong, S.E.** August 2000. Incorporation of bar code capabilities to an existing museum database. Unpublished Masters Thesis. Texas Tech University. Lubbock, Texas.
- **Fishman-Armstrong, S.E.**, H. Gardner, R.R. Monk, and M.J. Owen., In Pres. Incorporation of bar code capabilities to an existing museum database. Museology. Museum of Texas Tech.
- Warhop, J. and **Fishman-Armstrong, S.E.**, June 2002. User's Manual for the Antonio J. Waring, Jr. Archaeological Laboratory. In-house publication.
- Whetstone, R., and **Fishman-Armstrong, S.E.**, June 2003. The Traveling teaching trunk and Mock Excavation Exercise Teacher's Guide. Antonio J. Waring, Jr. Archaeological Laboratory Unpublished.

MEMBERSHIPS

- **Staff Advisory Committee** State University of West Georgia – Member since 2002
- **Registrar's Committee of the American Association of Museums RC-AAM** – Member since 2002.
- **Southeastern Registrar's Association** - Member since 2001
- **Society of Georgia Archaeologists** – Member since 2001
- **American Association of Museums** - Member since 1998
- **Society for the Preservation of Natural History Collections** - Member since 1997
- **Museum Science Students Association** - Member since 1997; Public Relations Committee 1997.
- **Kansas Museum Association** - Member 1996-1999
- **Sternberg Museum of Natural History** - Member since 1993
- **Sternberg Geology Club (Fort Hays State University Chapter)** - Member 1993-1997; Vice President 1995 - 1996; Treasurer 1994 - 1995; Secretary 1993 - 1994.
- **Astronomy Club (Fort Hays State University Chapter)** - Member 1993-1997; President 1996-1998; Vice President 1996; Secretary/Treasurer 1994 – 1995

INSTRUCTION

- **Archaeological Curation and Collections Management** - Assisted and taught the Laboratory Section 2002
- **Archaeology Collections Management Internship** - Graduate Level. Supervised and instructed a graduate student in the Laboratory. Summer 2002.

- **Archaeology Collections Management Internship** - Graduate Level. Supervised and instructed a graduate student in the Laboratory. Summer 2003.
- **Archaeological Field Methods** – Assisted in the field and taught the Laboratory Section 2001.

Grants

FY 2003 Student Research Assistant Grant *Traveling teaching trunk and Mock Excavation*– State University of West Georgia (\$18,000)

REFERENCES

Available upon request